查询B82476 – A1334 – M供应商

EPCOS

DATA SHEET

SMD

Rated inductance 1 µH .. 1000 µH

Construction

- Ferrite core
- Winding: enamel copper wire
- Winding soldered to terminals
- Plastic terminal carrier

Features

- Very high rated current
- Low DC resistance
- Suitable for reflow soldering

Applications

- Filtering of supply voltages
- Coupling / decoupling
- DC/DC converters
- Automotive electronics

Terminals

- Tinned

Marking

Marking on component:
Manufacturer, L value (in µH), date code

Minimum marking on reel:
Manufacturer, part number, ordering code,
L value and tolerance
quantity, date of packing

Delivery mode

24–mm blister tape, reel packing
packaging quantity 750pcs/reel

Mit den Angaben im Datenblatt werden die Bauelemente spezifiziert, nicht Eigenschaften zugesichert.
Liefermöglichkeiten und technische Änderungen vorbehalten.

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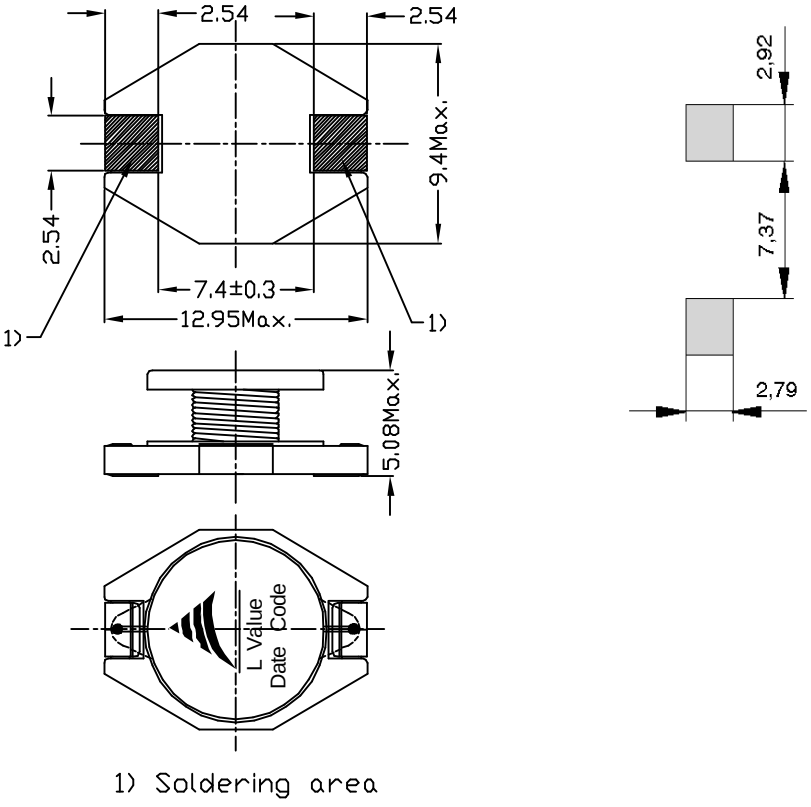
General technical data

Rated inductance L_R	Measured with HP 4284A , measuring voltage 100 mV
Rated current I_R	Maximum permissible DC with temperature increase of ≤ 40 K at ambient temperature of 85 °C
Saturation current I_{sat}	Maximum permissible DC with inductance decrease $\Delta L/L_0 \approx 10\%$
Climatic category	In accordance with IEC 60068–1 55/125/56 (–55 °C/ +125 °C/ 56 days damp heat test)
Solderability	5s, 235°C, wetting > 90%
DC resistance R_{max}	Measured at 20 °C ambient temperature
Weight	Approx. 2g

Dimensional drawing and layout recommendation



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Characteristics and ordering codes

L_R µH	f_L MHz	Tolerance	I_R A	I_{sat} A	R_{max} Ω	Ordering code
1,0	0,1	20 %	6,8	9,0	0,0080	B82476–A1102–M
1,5	0,1	20 %	6,4	8,0	0,0090	B82476–A1152–M
2,2	0,1	20 %	6,1	7,0	0,0105	B82476–A1222–M
3,3	0,1	20 %	5,4	6,4	0,0135	B82476–A1332–M
4,7	0,1	20 %	4,8	5,4	0,0165	B82476–A1472–M
6,8	0,1	20 %	4,4	4,6	0,0210	B82476–A1682–M
10	0,1	20 %	3,9	3,8	0,0270	B82476–A1103–M
15	0,1	20 %	3,1	3,0	0,0400	B82476–A1153–M
22	0,1	20 %	2,7	2,6	0,0500	B82476–A1223–M
33	0,1	20 %	2,1	2,0	0,0880	B82476–A1333–M
47	0,1	20 %	1,8	1,6	0,120	B82476–A1473–M
68	0,1	20 %	1,5	1,4	0,160	B82476–A1683–M
100	0,1	20 %	1,3	1,2	0,230	B82476–A1104–M
150	0,1	20 %	1,0	1,0	0,330	B82476–A1154–M
220	0,1	20 %	0,8	0,8	0,530	B82476–A1224–M
330	0,1	20 %	0,6	0,6	0,810	B82476–A1334–M
470	0,1	20 %	0,5	0,5	1,100	B82476–A1474–M
680	0,1	20 %	0,4	0,4	1,600	B82476–A1684–M
1000	0,1	20 %	0,3	0,3	2,150	B82476–A1105–M